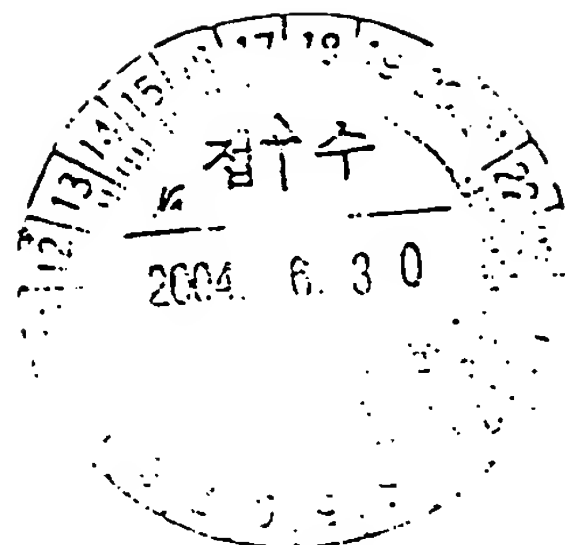


INTERNATIONAL COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)



Applicant's or agent's file reference YL04003PCT	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/KR2004/000606	International filing date (<i>day/month/year</i>) 19 MARCH 2004 (19.03.2004)	(Earliest) Priority Date (<i>day/month/year</i>) 12 JUNE 2003 (12.06.2003)
Applicant PARK, Won-Bong et al		

This International search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 3 sheets.

☐ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. ☐ With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.

2. ☐ Certain claims were found unsearchable (See Box No. II)

3. ☐ Unity of invention is lacking (See Box No. III)

4. With regard to the title,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the abstract,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the drawings,

a. the figure of the drawings to be published with the abstract is Figure No. 1

☒ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

b. ☐ none of the figure is to be published with the abstract.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR2004/000606

A. CLASSIFICATION OF SUBJECT MATTER

IPC7 A61K 9/50

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC A61K, C08L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Korean Patents and applications for inventions since 1975Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
PUBMED

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 98/13053 A1 (AAR PHARMA) 2 APRIL 1998 See page 6 [line 16-28] and example 1	1 - 5
Y	US 6046177 A (Valentino J. Stella et al.) 4 APRIL 2000 See the whole document	1 - 5
Y	US 5565200 A (Khwaja et al.) 15 OCTOBER 1996 See the whole document	1 - 5
A	US 6379714 B1 (Khwaja et al.) 30 APRIL 2002 See the whole document	1 - 5
A	US 5356467 A (Oshlack et al) 18 OCTOBER 1994 See the whole document	1 - 5
A	KR 1999-0080547 A (Kwang Hoon Choi) 15 NOVEMBER 1999 See the whole document	1 - 5

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search

23 JUNE 2004 (23.06.2004)

Date of mailing of the international search report

23 JUNE 2004 (23.06.2004)

Name and mailing address of the ISA/KR

Korean Intellectual Property Office
920 Dunsan-dong, Seo-gu, Daejeon 302-701,
Republic of Korea

Facsimile No. 82-42-472-7140

Authorized officer

SONG, Keon Hyung

Telephone No. 82-42-481-5607



INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/KR2004/000606

Patent document
cited in search reportPublication
datePatent family
member(s)Publication
date

WO 98/13053 A1

02.04.1998

KR 0048564 A
JP 2001502305 T2
EP 0932410 A1
DE 19639375 A125.07.2000
20.02.2001
04.08.1999
02.04.1998

US 6046177 A

04.04.2000

US 5874418
JP 2002503267 T2
EP 1140960 A1
EP 0980262 A1
DE 69812343 C0
AU 0025011 A523.02.1999
29.01.2002
10.10.2001
23.02.2000
24.04.2003
01.08.2000

US 5565200 A

15.10.1996

WO 9632123 A1
CA 2174031 C
CA 2174031 AA
AU 5532796 A117.10.1996
17.12.2002
15.10.1996
30.10.1996

US 6379714 B1

30.04.2002

WO 9632122 A1
US 5637563
JP 11503453 T2
EP 0824355 A1
CA 2252426 AA17.10.1996
10.06.1997
26.03.1999
25.02.1998
23.10.1997

US 5356467 A

18.10.1994

ZA 9305869 A
US 5324351
JP 6172398 A2
EP 0585688 A2
DE 69321538 C009.03.1994
28.06.1994
21.06.1994
09.03.1994
19.11.1998

KR 1999-0080547 A

15.11.1999

None